

IN THE CLAIMS:

Please add claims 24 -28 and cancel claims 14-23 as follows.

1. (Original) A method of communicating data between a Base Station System (BSS) and a Serving GPRS Support Node (SGSN), the method of communicating comprising the steps of:

providing protocol data and associated functions, including encapsulating a data packet with a User Datagram Protocol (UDP) and a Internet Protocol (IP), wherein the UDP comprises a UDP port associated with a Network Service Virtual Connection (NS-VC) and, the IP provides an IP address associated with a Network Service Entity (NSE); and

transmitting the data packet provided with the protocol data.

2. (Original) The method of communicating as recited in claim 1, wherein the UDP port is identified as either for real-time or non-real time services.

3. (Original) The method of communicating as recited in claim 1, wherein the data packet is associated with a Temporary Logical Link Identifier (TLLI) and a Network Service Access Point Identifier (NSAPI).

4. (Original) The method of communicating as recited in claim 3 further comprising the step of:

providing a BSSGP Virtual Connection Identifier (BVCI), a Network service Entity Identifier (NSEI) and a Link Select Parameter (LSP), the BVCI, NSEI and LSP associated with the TLLI and NSAPI, the BVCI identifying a BVC, the NSEI identifying the NSE, the NS-VC identified by the BVCI and the NSEI, the LSP identifying a Network Service Virtual Link (NS-VL) associated with the NS-VC.

5. (Original) The method of communicating data as recited in claim 1, wherein the data packet comprises a Sub-network Dependent Convergence Protocol (SNDP).

6. (Previously Presented) The method of communicating data as recited in claim 5, wherein the data packet further comprises a Logical Link Control LLC.

7. (Original) The method of communicating data as recited in claim 6 protocol data and associated functions further comprise:

a Base Station System GPRS Protocol (BSSGP);

a network service control;

a data link layer; and

a physical link layer.

8. (Original) The method of communicating data as recited in claim 7 further comprising the step of receiving the data packet provided with the protocol data.

9. (Original) The method of communicating data as recited in claim 8 further comprising the step of removing the protocol data and associated functions and the LLC and the SNDCP.
10. (Currently Amended) The method of communicating data as recited in claim 1, wherein the protocol data and associated functions further comprise:
- a Sub-network Dependent Convergence Protocol (SNDCP);
 - a Logical Link Control (LLC);
 - a Base Station System GPRS Protocol (BSSGP);
 - a network service control;
 - a data link layer; and
 - a physical link layer.
11. (Original) The method of communicating data as recited in claim 10, wherein the SNDCP provides RTP/UDP/IP header compression and stripping.
12. (Original) The method of communicating data as recited in claim 10 further comprising the step of receiving the data packet provided with the protocol data.
13. (Original) The method of communicating data as recited in claim 12 further

comprising the step of:

removing the physical link layer, the data link layer, the IP, the UDP, the network service control and the BSSGP.

14-23. (Cancelled)

24. (New) The method of communicating data as recited in claim 1, wherein the UDP comprises source and destination UDP ports associated with the NS-VC and the IP provides a source and destination IP address associated with the NSE.

25. (New) A Base Station System for communicating data with a Serving GPRS Support Node, the Base Station System comprising:

means for providing protocol data and associated functions, including encapsulating a data packet with a User Datagram Protocol (UDP) and a Internet Protocol (IP), wherein the UDP comprises a UDP port associated with a Network Service Virtual Connection (NS-VC) and, the IP provides an IP address associated with a Network Service Entity (NSE); and

transmitting the data packet provided with the protocol data.

26. (New) The Base Station System of communicating data as recited in claim 25, wherein the UDP comprises source and destination UDP ports associated with the NS-

VC and the IP provides a source and destination IP address associated with the NSE.

27. (New) A Serving GPRS Support Node for communicating data with a Base Station System, the Serving GPRS Support Node comprising:

means for providing protocol data and associated functions, including encapsulating a data packet with a User Datagram Protocol (UDP) and a Internet Protocol (IP), wherein the UDP comprises a UDP port associated with a Network Service Virtual Connection (NS-VC) and, the IP provides an IP address associated with a Network Service Entity (NSE); and

transmitting the data packet provided with the protocol data.

28. (New) The Serving GPRS Support Node of communicating data as recited in claim 27, wherein the UDP comprises source and destination UDP ports associated with the NS-VC and the IP provides a source and destination IP address associated with the NSE.